

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	389	239/588.ccls.	USPAT; EPO; JPO; DERWENT	OR	ON	2006/07/27 17:35
L2	560	239/588.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/27 17:39
L3	12018	210/232,236,238,282,287,459,460, 461,462,449,435,350.ccls. or 4/596, 615,678,286,288,299.ccls. or 239/553,537,538,553.3,553.5,587. 4,587.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/27 17:41
L4	725	(filter and ((pivotable or (ball near joint)) and ((flexible or resilient or pliable)) same (flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:52
L5	12	3 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:45
L6	821	210/460	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:45
L7	1086	210/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:45
L8	1165	(filter and ((pivotable or (ball near joint)) and ((flexible or resilient or pliable)) same (coupling or flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:52
L9	1885	(filter and ((pivotable or (ball near joint)) and ((flexible or resilient or pliable)) same (wall or coupling or flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:57

## EAST Search History

L10	27	3 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:53
L11	1194	(filter and ((swiv\$4 or pivot\$4 or ball) near (element or joint)) and ((flexible or resilient or pliable) same (wall or coupling or flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:59
L12	20	3 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 17:59

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	81	(shower and filter).clm. and "210". clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/27 13:38
S2	42	(shower and filt\$6).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/13 10:33
S3	219	(shower and filt\$6).ti.	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/13 10:33
S4	0	(shower and filter and ((pivot or (ball near joint)) same ((flexible or resilient or pliable)) adj (flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/27 13:40
S5	0	(shower and filter and ((pivot or (ball near joint)) same ((flexible or resilient or pliable)) adj (flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 13:40
S6	0	(shower and filter and ((pivot or (ball near joint)) and ((flexible or resilient or pliable)) adj (flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 13:40
S7	36	(shower and filter and ((pivot or (ball near joint)) and ((flexible or resilient or pliable)) same (flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:48
S8	725	(filter and ((pivotable or (ball near joint)) and ((flexible or resilient or pliable)) same (flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:02
S9	18	S8 and "239".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 13:53

## EAST Search History

S10	34	S8 and "210".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 13:53
S11	0	(filter and ((pivot\$4 or ball) near (element or joint)) same ((flexible or resilient or pliable) adj (flange or rib or protrusion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:04
S12	11	(filter and ((pivot\$4 or ball) near (element or joint)) and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:07
S13	2885	(filter and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:07
S14	1090	(filter and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion)) and (retain\$3 or hold\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:08
S15	246	S14 and "210".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:47
S16	27	S14 and "239".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:09
S17	1	((shower same filter) and ((pivot or ball) near joint)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:49

## EAST Search History

S18	3	((shower same filter) and ((pivot\$4 or ball) near (element or joint or connect\$4))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:58
S19	87	((water same filter) and ((pivot\$4 or ball) near (element or joint or connect\$4))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:58

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S12	11	(filter and ((pivot\$4 or ball) near (element or joint)) and ((flexible or resilient or pliable) same (portion or flange or rib or protrusion))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/27 14:07

*Interference Search 7/27/06 JKim*